



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Monday, August 31, 2015

Issued: 0800 CT

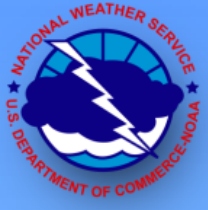
**Day 1 Hazards: No significant weather impacts expected**

National Weather Service  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



Prepared by: Mark Wiley  
817-978-1100 x 147

# Key Points



## Today

- Isolated to scattered thunderstorms, mainly across New Mexico
  - Severe weather and/or flooding is not expected

## Tuesday - Friday

- Isolated to scattered storms possible each day, mainly across New Mexico as well as the TX/LA Coasts
  - Severe weather and/or flooding is not expected

## Tropical Outlook

- Hurricane Fred is expected to move through the Cape Verde Islands this morning on a steady northwest path. By Wednesday, Fred will move into cooler waters and an overall less favorable environment
- Fred forecast to weaken by mid-week and may dissipate all together by late-week or into the weekend
- Not expected to impact FEMA 6 but will continue to monitor

# \*FEMA Region 6 Threat Matrix

Aug 31, 2015 - Sep 4, 2015

DAY/ THREAT	MON	TUE	WED	THU	FRI
Severe Weather					
Heavy Rain / Flash Flooding					
Heat					
Tropical					
Fire					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).*

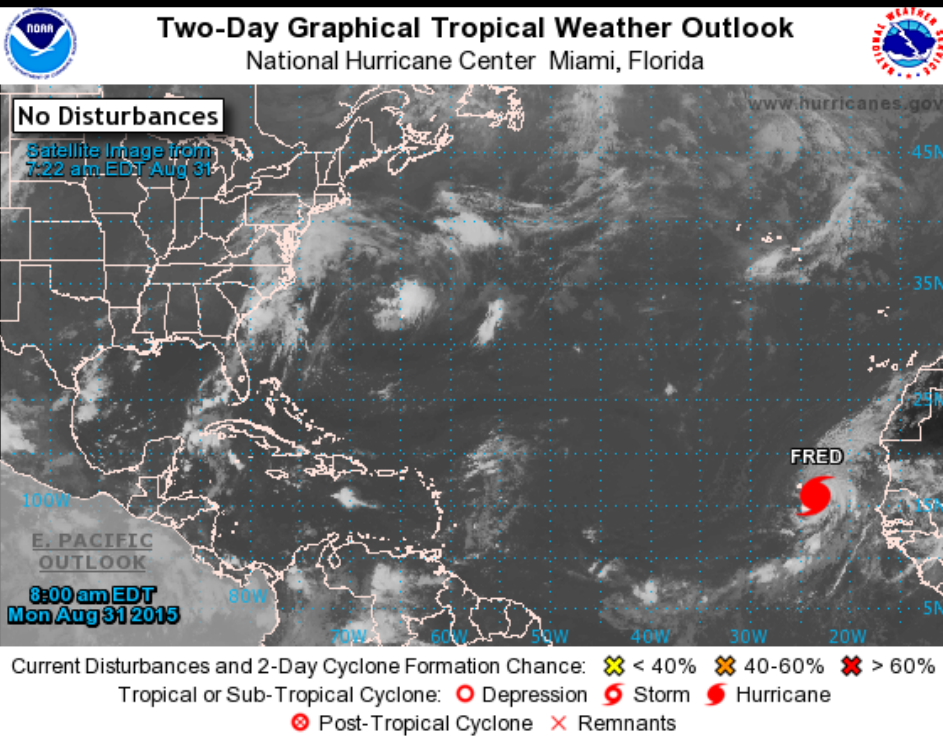


# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

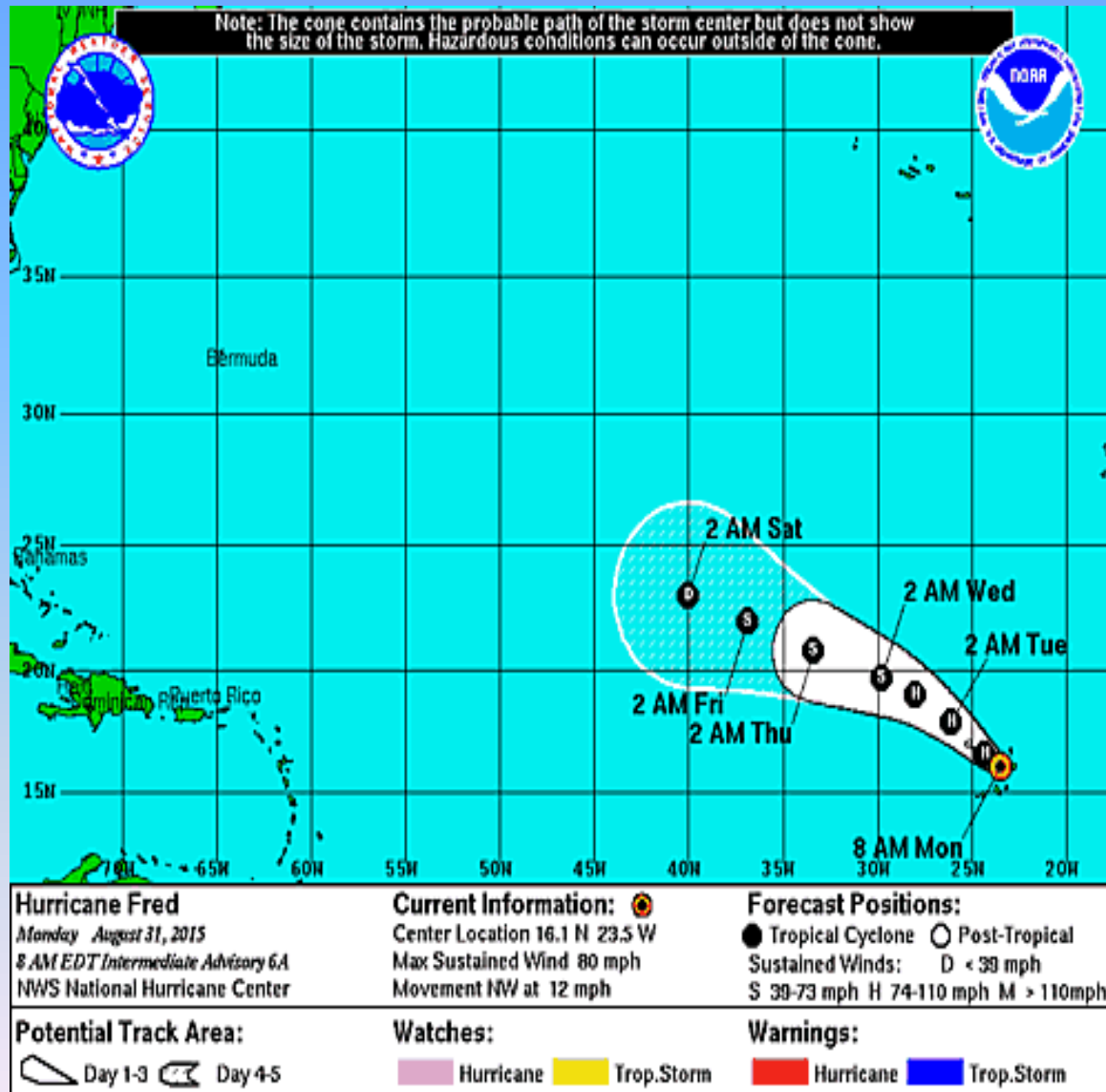
# Atlantic/Gulf Tropical Weather Outlook



See next slide for information on Tropical Storm Fred

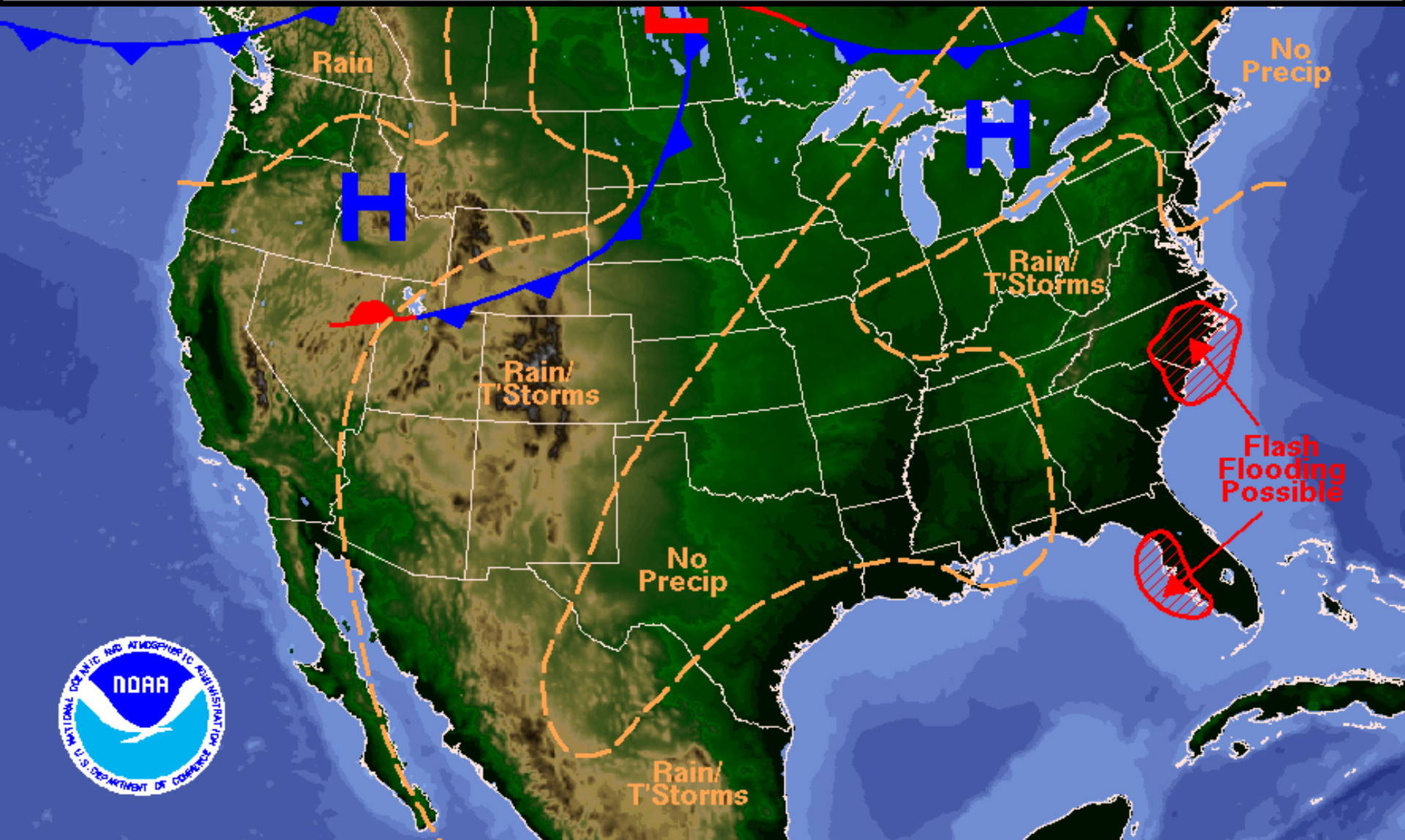


# Tropical Storm Fred



- Hurricane Fred is expected to move through the Cape Verde Islands this morning on a steady northwest path. By Wednesday, Fred will move into cooler waters and an overall less favorable environment
- Fred forecast to weaken by mid-week and may dissipate all together by late-week or into the weekend
- Not expected to impact FEMA IV but will continue to monitor

# Today's Weather



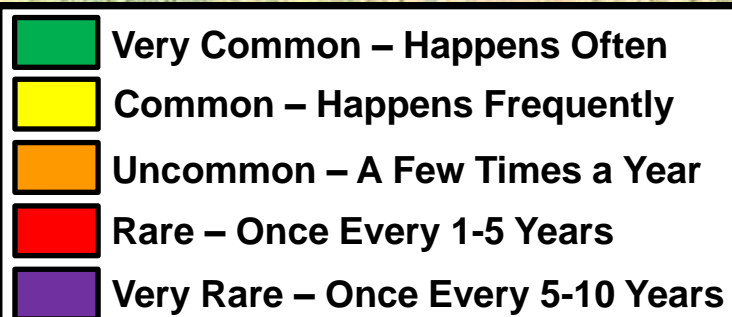
Weather Forecast for Mon, Aug 31, 2015, issued 4:35 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

# Day 1 Weather Hazards

**Valid: 0800 Mon - 0800 Tue**



**No Significant Weather  
Impacts Expected**



**\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

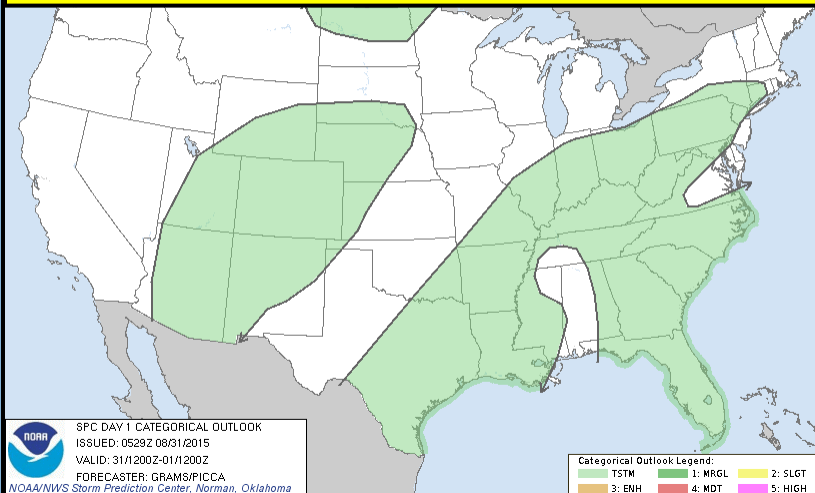


# Monday, August 31, 2015

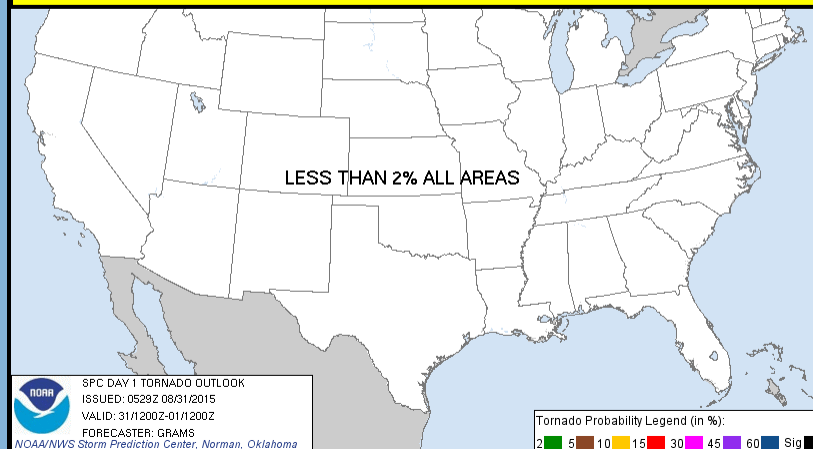
## Severe Thunderstorm Potential



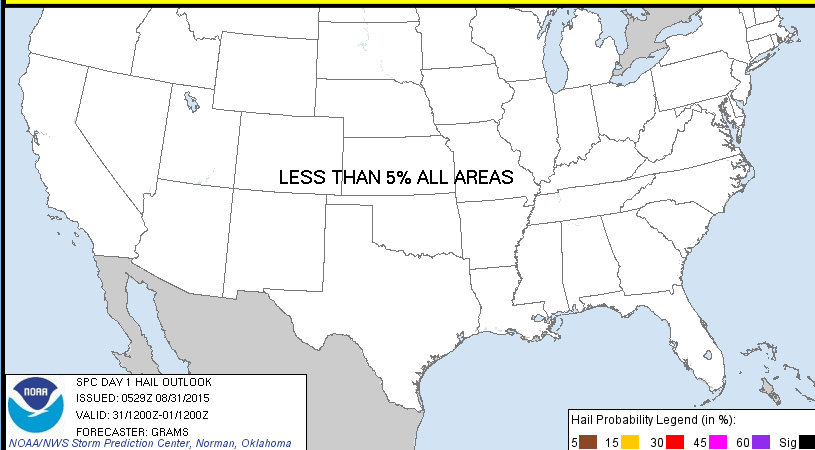
### Overall Threat Potential



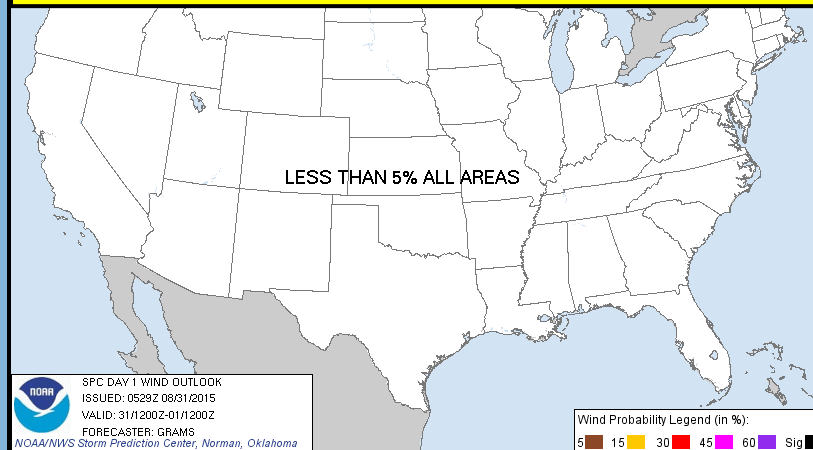
### Probability of Tornado within 25 miles of a point



### Probability of Damaging Hail within 25 miles of a point



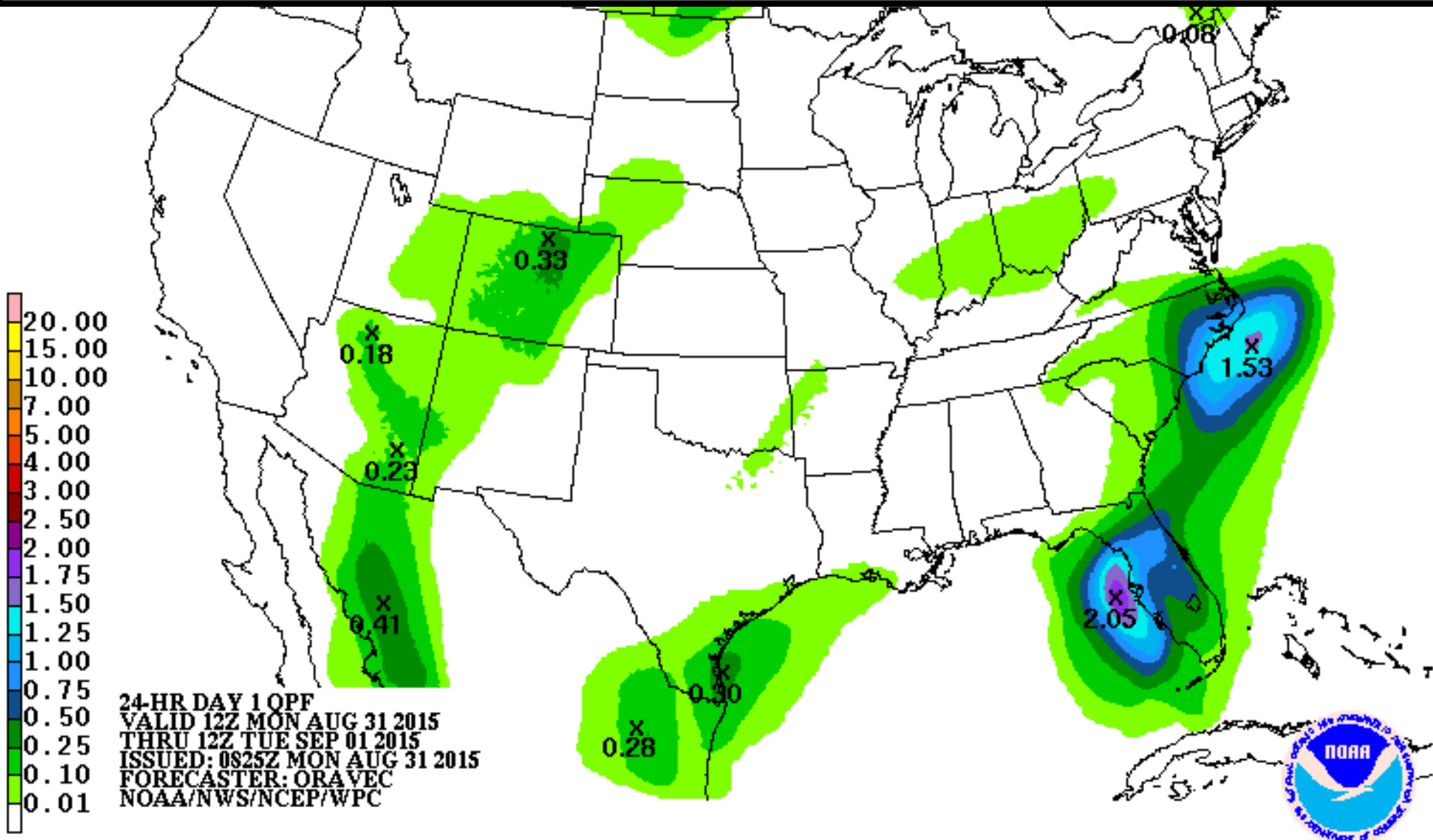
### Probability of Damaging Winds within 25 miles of a point



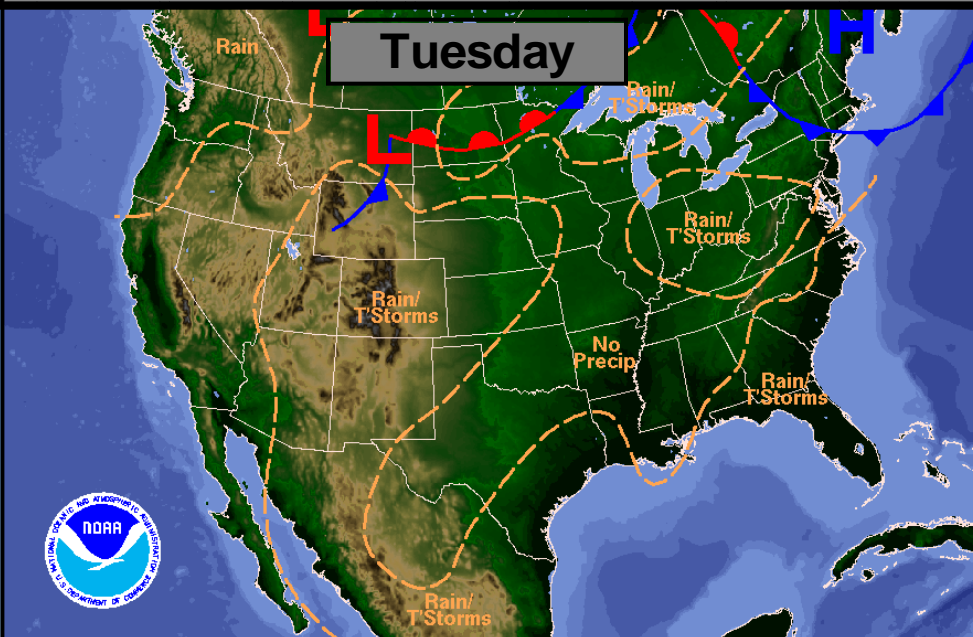
Building a Weather-Ready Nation

# Today's Precipitation

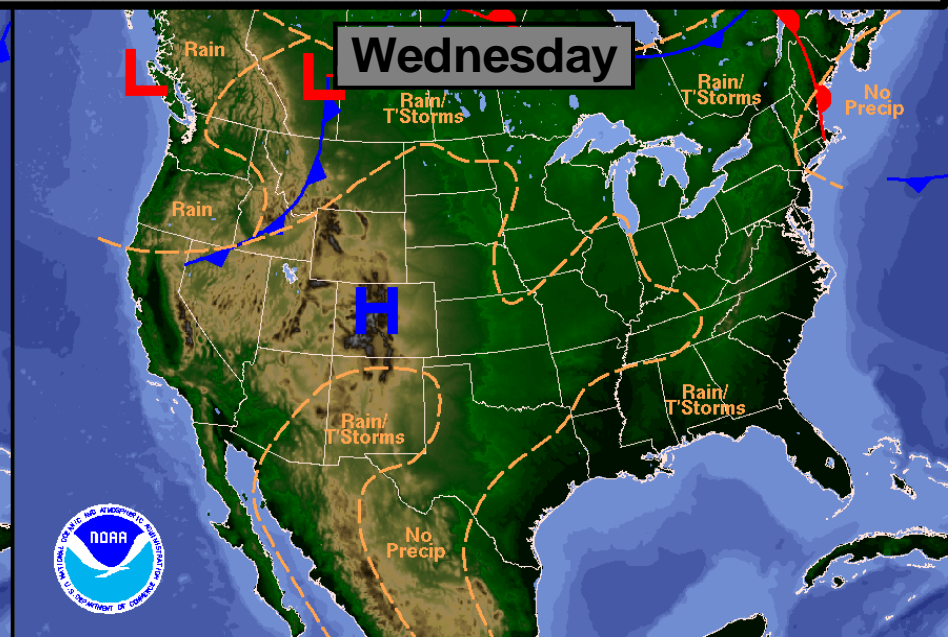
## Mon AM - Tue AM



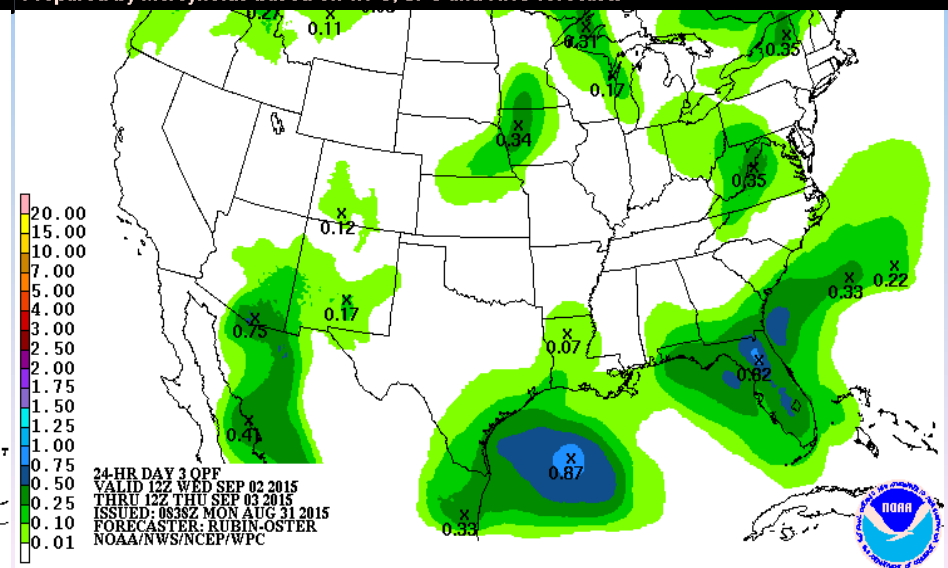
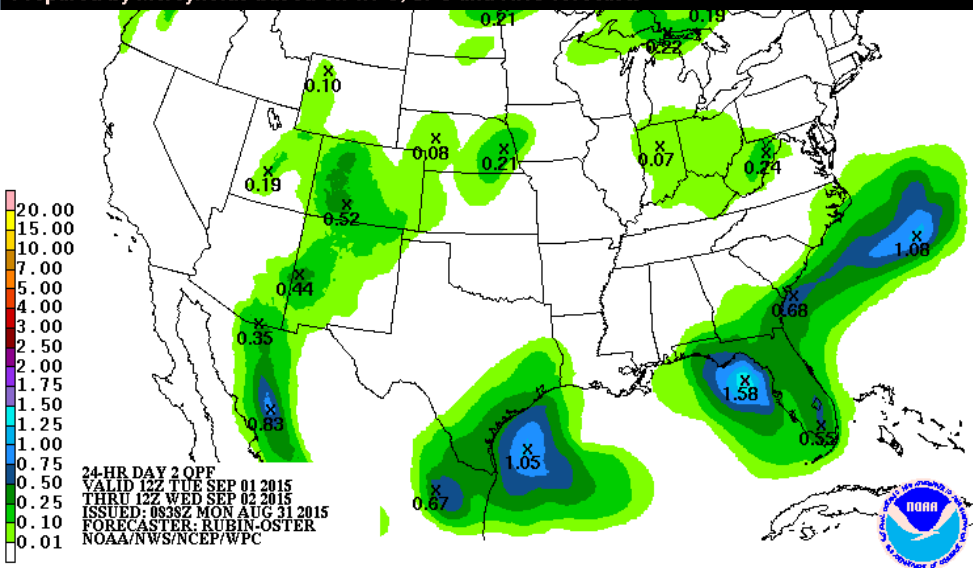
# Day 2-3 Weather Maps/Precipitation



Weather Forecast for Tue, Sep 01, 2015, issued 4:59 AM EDT Mon, Aug 31, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



Weather Forecast for Wed, Sep 02, 2015, issued 5:05 AM EDT Mon, Aug 31, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

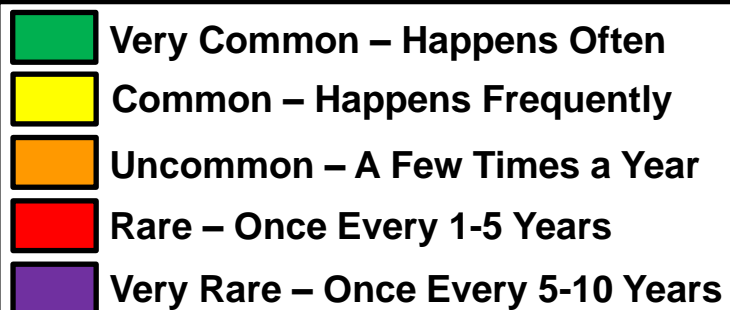


# Day 2-3 Weather Hazards

*Valid: 0800 Tue - 0800 Thu*



**No Significant Weather  
Impacts Expected**



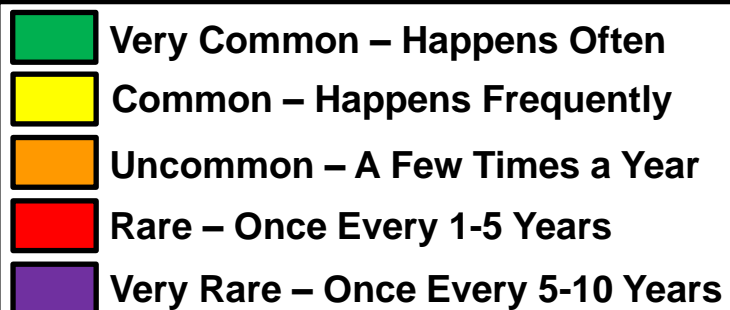
*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*

# Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



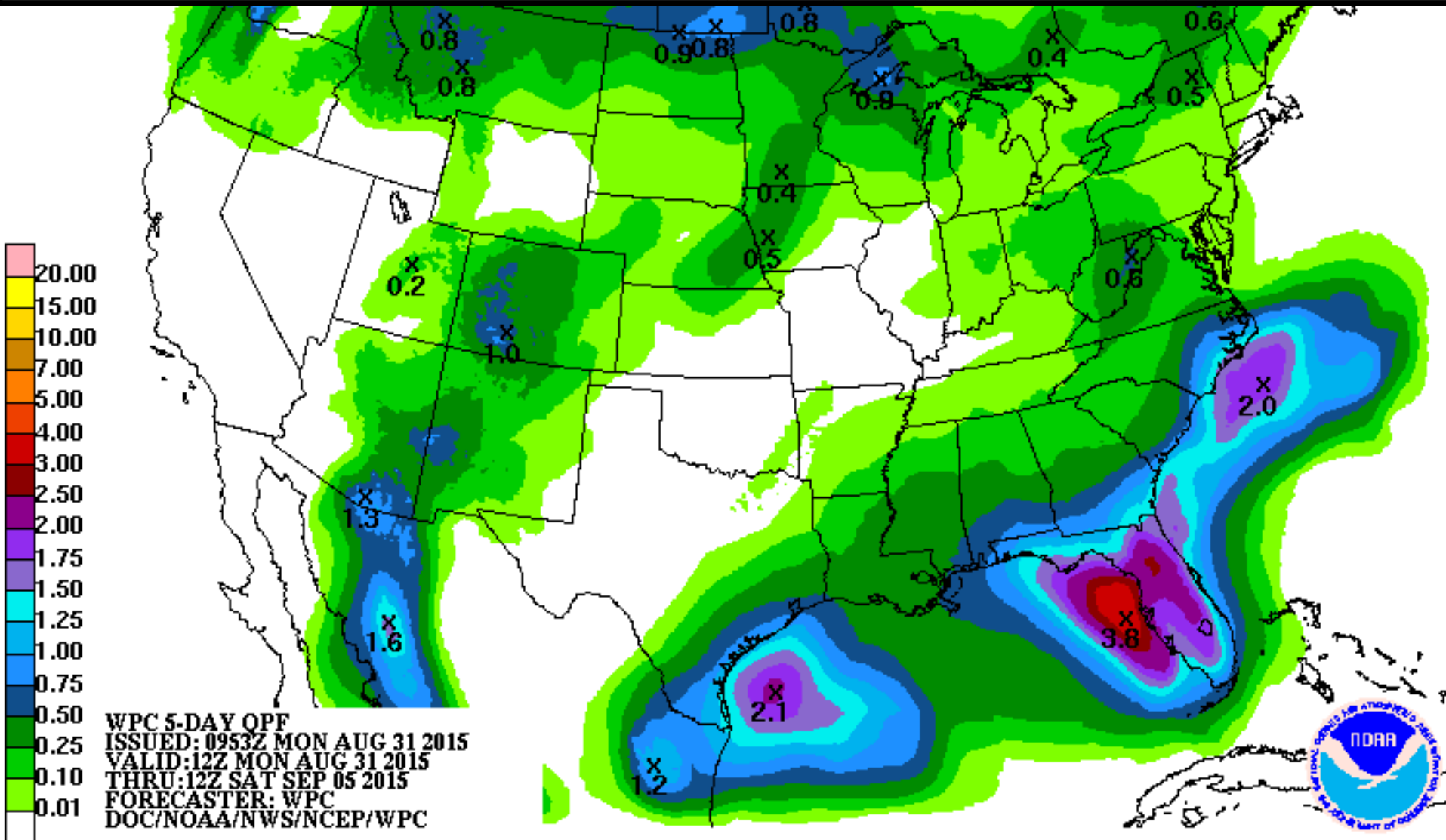
**No Significant Weather  
Impacts Expected**

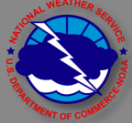


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# 5-Day Precipitation

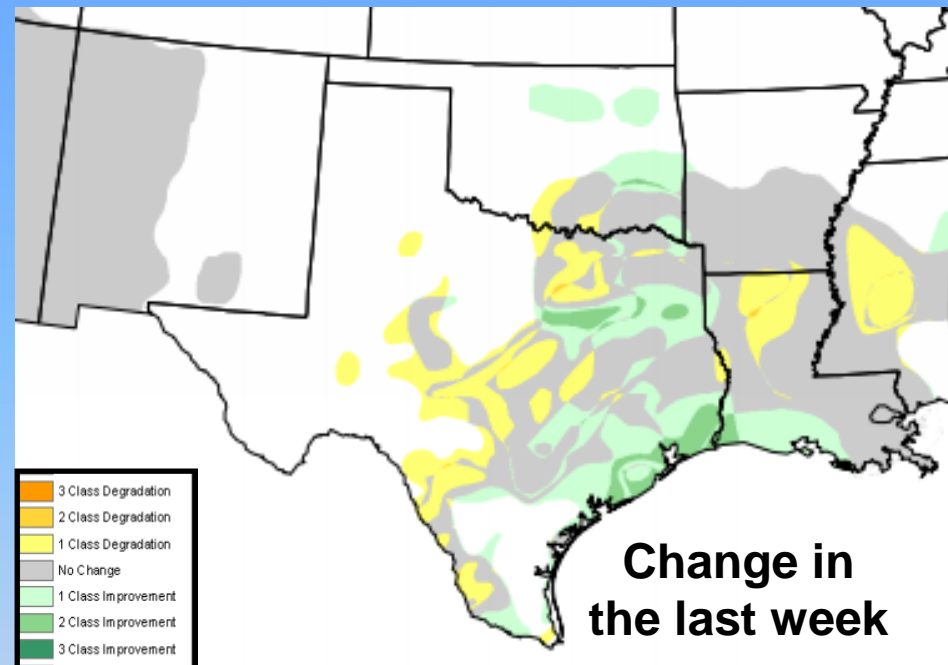
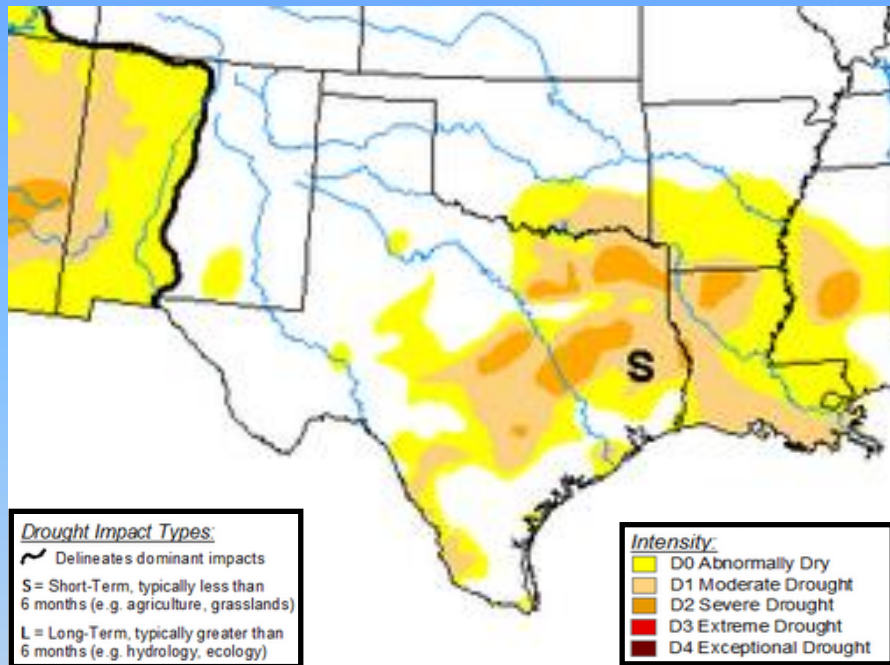
## Mon AM - Sat AM





# Drought Monitor Released Aug 27th, 2015

Data valid as of 7am CDT, Tuesday Aug 25th, 2015



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	15.75%
Texas	0.00%	0.00%	0.00%	16.23%
New Mexico	0.00%	0.00%	0.00%	7.39%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

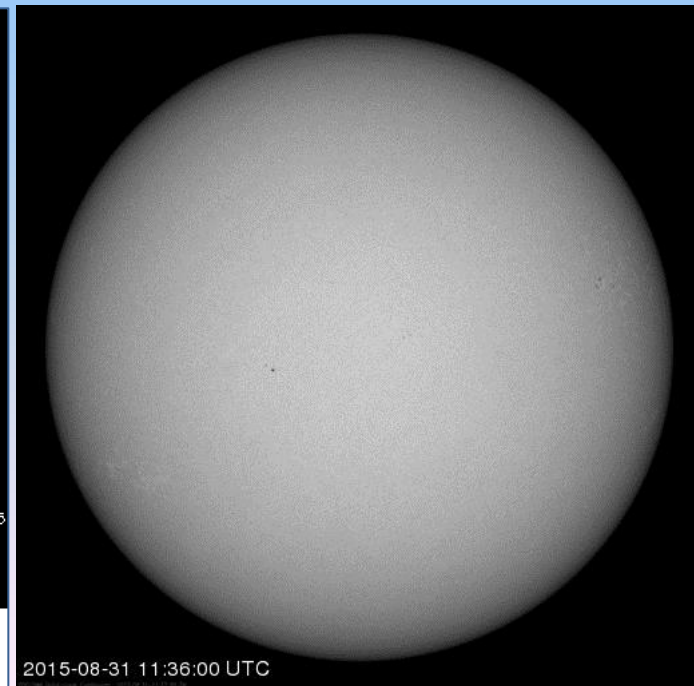
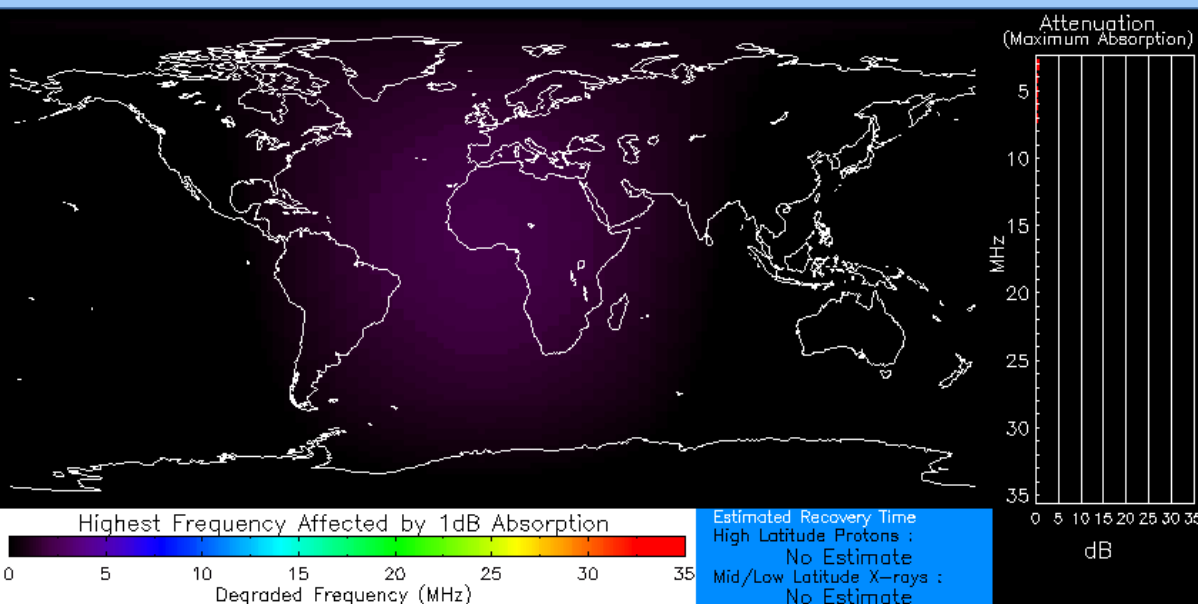
# Space Weather 3-Day Forecast



	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Minor (G1) Storm (Max Kp = 5)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	5%	1%	1%
Radio Blackout (R1-R2)	40%	1%	1%
Radio Blackout (R3-R5)	5%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background  
Product Valid At : 2015-08-31 12:14 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

2015-08-31 11:36:00 UTC

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (817) 978-1100 x147

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